



February 28, 2019

To: Craig Samek, Pretreatment Coordinator

csamek@sioux-city.org

Re: Updated Sioux City Permit Report

In looking into why the submitted report from 215.2019 did not have the required total phosphorous analysis it was due to an issue with getting the data from the third-party lab used to complete the analysis. BOE is working on getting the information as soon as possible and will submit it to you as soon as it is received. In lieu of getting these results, I have updated the report to contain the TNT total phosphorous readings that are ran by our in-house lab for process monitoring. It is understood that this method is not "reportable" in accordance to 40 CFR 136.

Additionally, based on my notification to you about the miscommunication internally at BOE that the TKN/TN analysis were ran on the required frequency listed in the permit from 1/15/2019. One data point was missing from the last week in January 30, 2019.

If you need anything else, please let me know.

Respectfully,

Darlene McCaslin

Cc: Bill Tyndall

btyndall@netleasecapital.com

Rob Ernest

rernest@bigoxenergy.com

Mark Simms

msimms@sioux-city.org

Jason Osbahr

josebahr@bigoxenergy.com

Jody Anderson

janderson@bigoxenergy.com

Date	Composite					Eff. Comp. pH	Auto Sampler Temp.	Daily Eff. Discharge	Daily Solids Discharge	TKN (Hach 10242)	TN (from TKN 10242)	TP (Hach 8190)
	TSS	Hourly TSS 00:00	Hourly TSS 07:00	Hourly TSS 12:00	Hourly TSS 18:00							
January 1, 2019	7718	15736	84	31	12752	8.54	2	894798.0	57596.5		481	
January 2, 2019	1261	67	42	64	105	8.62	2	1232839.0	12965.4		352	
January 3, 2019	212	51	59	45	165	8.71	2	1601501.0	2831.6		265	
January 4, 2019	674	1230	70	331	570	8.58	3	1557322.0	8754.0		224	
January 5, 2019	770	156	207	173	65	8.5	3	937739.0	6022.0		<200	
January 6, 2019	3142	204	145	187	128	8.38	3	590287.0	15468.0		456	
January 7, 2019	2726	10	2380	178	15	8.76	3	1144701.0	26024.6		394	
January 8, 2019	286	56	210	22	29	8.61	3	1474060.0	3516.0		271	
January 9, 2019	1257	79	172	1830	69	8.77	3	1477974.0	15494.2		432	
January 10, 2019	1228	626	62	82	65	9.17	2.5	1512101.0	15486.2		257	
January 11, 2019	2078	199	30	71	6552	8.37	2.5	1521827.6	26374.1		286	
January 12, 2019	6013		114			8.14	2.5	1197872.0	60071.4		434	
January 13, 2019	11535	13287		286	14510	8.05	2.5	694129.2	66776.5			
January 14, 2019	3344	87	97	7165	4196	8.26	2.5	1218850.0	33992.5			
January 15, 2019	4582	1482	214	3556	5585	8.39	2.5	1477742.5	56470.3	413	417	
January 16, 2019	1122	55	102	226	95	8.51	2.5	1477473.6	13825.4			44.6
January 17, 2019	4395	5590	2349	92		8.92	3.5	1556167.8	57040.2	386	414	
January 18, 2019	3748	34	3400	10540	288	8.75	3	1444051.3	45138.6			
January 19, 2019	3790	358	1034	414		8.44	3	1142388.4	36109.3			
January 20, 2019	13973	10840	9004	5412	9428	8.55	3	529235.4	61674.3			
January 21, 2019	2422	292	105	132	78	8.43	3	1380148.3	27878.3	370	375	
January 22, 2019	1966	28	87		201	8.73	3	1467430.4	24060.6			
January 23, 2019	1258	90	73	51	67	8.51	3	1513128.8	15875.3	282	284	72.7
January 24, 2019	1288	1304	62	120	47	8.89	3	1509083.8	16210.5			
January 25, 2019	2616	4128	35	112	13368	8.67	3	1648433.8	35964.6			
January 26, 2019	2718	228	91	152	19076	8.39	3	1124780.8	25496.7			
January 27, 2019	11160	1236	8016		15740	8.21	3	661313.4	61551.4			
January 28, 2019	4508	6712	5952	9940	2552	8.42	3	1352582.0	50852.6	562	572	
January 29, 2019	1486	68	57	76	47	8.59	3	1471458.3	18236.1			
January 30, 2019	3158	49	65	211	56	8.57	3	1599035.9	42115.0	293	296	41.2
January 31, 2019	3667	42	84	101	89	8.68	3	1633754.8	49964.8			
Daily Solids Average									31930.2			